

FIG. 1
(SEQ. ID NO. 1)

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr

FIG. 2
(SEQ. ID NO. 2)

Met Leu Pro Gly Leu Ala Leu Leu Leu Ala Ala Trp Thr Ala Arg Ala Leu Glu Val Pro Thr Asp Gly Asn Ala Gly Leu Leu Ala Glu Pro Gln Ile Ala Met Phe Cys Gly Arg Leu Asn Met His Met Asn Val Gln Asn Gly Lys Trp Asp Ser Asp Pro Ser Gly Thr Lys Thr Cys Ile Asp Thr Lys Glu Gly Ile Leu Gln Tyr Cys Gln Glu Val Tyr Pro Glu Leu Gln Ile Thr Asn Val Val Glu Ala Asn Gln Pro Val T hr Ile Gln Asn Trp Cys Lys Arg Gly Arg Lys Gln Cys Lys Thr His Pro His Phe Val Ile Pro Tyr Arg Cys Leu Val Gly Glu Phe Val Ser Asp Ala Leu Leu Val Pro Asp Lys Cys Lys Phe Leu His Gln Glu Arg Met Asp Val Cys Glu Thr His Leu His Trp His Thr Val Ala Lys Glu Thr Cys Ser Glu Lys Ser Thr Asn Leu His Asp Tyr Gly Met Leu Leu Pro Cys Gly Ile Asp Lys Phe Arg Gly Val Glu Ph e Val Cys Cys Pro Leu Ala Glu Glu Ser Asp Asn Val Asp Ser Ala Asp Ala Glu Glu Asp Asp Ser Asp Val Trp Trp Gly Gly Ala Asp Thr Asp Tyr Ala Asp Gly Ser Glu Asp Lys Val Val Glu Val Ala Glu Glu Val Ala Glu Val Glu Glu Ala Asp Asp Asp Glu Asp Asp Glu Asp Gly Asp Glu Val Glu Glu Ala Glu Glu Pro Tyr Glu Glu Ala Thr Glu Arg Thr Thr Ser Ile Ala Thr Thr Thr Thr Thr Glu Ser Val Glu Glu Val Val Arg Glu Val Cys Ser Glu Gln Ala Glu Thr Gly Pro Cys Arg Ala Met Ile Ser Arg Trp Tyr Phe Asp Val Thr Glu Gly Lys Cys Ala Pro Phe Phe Tyr Gly Gly Cys Gly Gly Asn Arg Asn Asn Phe Asp Thr Glu Glu Tyr Cys Met Ala Val Cys Gly Ser Ala Met Ser Gln Ser Leu Leu Lys Thr Thr Glu Pro Leu Ala Arg Asp Pro Val Lys Leu Pro Thr Thr Ala Ala Ser Thr Pro Asp Ala Val Asp Lys Tyr Leu Glu Thr Pro Gly Asp Glu Asn Glu His Ala His Phe Gln Lys Ala Lys Glu Arg Leu Glu Ala Lys His Arg Glu Arg Met Ser Gln Val Met Arg Glu Trp Glu Ala Glu Arg Gln Ala Lys Asn Leu Pro Lys Ala Asp Lys Lys Ala Val Ile Gln His Phe Gln Glu Lys Val Glu Ser Leu Glu Gln Glu Ala Ala Asn Glu Arg Gln Gln Leu Val Glu Thr His Met Ala Arg Val Glu Ala Met Leu Asn Asp Arg Arg Leu Ala Leu Glu Asn Tyr Ile Thr Ala Leu Gln Ala Val Pro Pro Arg Pro Arg His Val Phe Asn Met Leu Lys Lys Tyr Val Arg Ala Glu Gln Lys Asp Arg Gln His Thr Leu Lys His Phe Glu His Val Arg Met Val Asp Pro Lys Lys Ala Ala Gln Ile Arg Ser Gln Val Met Thr His Leu Arg Val Ile Tyr Glu Arg Met Asn Gln Ser Leu Ser Leu Leu Tyr Asn Val Pro Ala Val Ala Glu Glu Ile Gln Asp Glu Val Asp Glu Leu Gln Lys Glu Gln Asn Tyr Ser Asp Asp Val Leu Ala Asn Met Ile Ser Glu Pro Arg Ile Ser Tyr Gly Asn Asp Ala Leu Met Pro Ser Leu Thr Glu Thr Lys Thr Val Glu Leu Leu Pro Val Asn Gly Glu Phe Ser Leu Asp Asp Leu Gln Pro Trp His Ser Phe Gly Ala Asp Ser Val Pro Ala Asn Thr Glu Asn Glu Val Glu Pro Val Asp Ala Arg Pro Ala Ala Asp Arg Gly Leu Thr Thr Arg Pro Gly Ser Gly Leu Thr Asn Ile Lys Thr Glu Glu Ile Ser Glu Val Lys Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile Thr Leu Val Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile His His Gly Val Val Glu Val Asp Ala Ala Var Thr Pro Glu Glu Arg His Leu Ser Lys Met Gln Gln Asn Gly Tyr Glu Asn Pro Thr Tyr Lys Phe Phe Glu Gln Met Gln Asn

FIG. 3
(SEQ. ID NO. 3)

MetAlaAsnLeuGlyCysTrpMetLeuValLeuPheValAlaThrTrpSerAspLeuGlyLeuCysLysLysArgProLysProGlyGlyTrpAsnThrGlyGlySerArgTyrProGlyGlnGlySerProGlyGlyAsnArgTyrProProGlnGlyGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnProHisGlyGlyGlyTrpGlyGlnGlyGlyGlyThrHisSerGlnTrpAsnLysProSerLysProLysThrAsnMetLysHisMetAlaGlyAlaAlaAlaAlaAlaGlyAlaValValGlyGlyLeuGlyGlyTyrMetLeuGlySerAlaMetSerArgProlleIleHisPheGlySerAspTyrGluAspArgTyrTyrArgGluAsnMetHisArgTyrProAsnGlnValTyrTyrArgProMetAspGluTyrSerAsnGlnAsnAsnPheValHisAspCysValAsnIleThrIleLysGlnHisThrValThrThrLysGlyGluAsnPheThrGluThrAspValLysMetMetGluArgValValGluGlnMetCysIleThrGlnTyrGluArgGluSerGlnAlaTyrTyrGlnArgGlySerSerMetValLeuPheSerSerProProValIleLeuLeuIleSerPheLeuIlePheLeuIleValGly

FIG. 4
(SEQ. ID NO. 4)

MetAspValPheMetLysGlyLeuSerLysAlaLysGluGlyValValAlaAlaAlaGluLysThrLysGlnGlyValAlaGluAlaAla
GlyLysThrLysGluGlyValLeuTyrValGlySerLysThrLysGluGlyValValHisGlyValAlaThrValAlaGluLysThrLysGluGln
ValThrAsnValGlyGlyAlaValValThrGlyValThrAlaValAlaGlnLysThrValGluGlyAlaGlySerIleAlaAlaAlaThrThrGlyP
heValLysLysAspGlnLeuGlyLysAsnGluGluGlyAlaProGlnGluGlyIleLeuGluAspMetProValAspProAspAsnGluAlaTy
rGluMetProSerGluGluGlyTyrGlnAspTyrGluProGluAla

FIG. 5
(SEQ. ID NO. 5)

MetAlaGluProArgGlnGluPheGluValMetGluAspHisAlaGlyThrTyrGlyLeuGlyAspArgLysAspGlnGlyGlyTyrThrMet
HisGlnAspGlnGluGlyAspThrAspAlaGlyLeuLysGluSerProLeuGlnThrProThrGluAspGlySerGluGluProGly
SerGluThrSerAspAlaLysSerThrProThrAlaGluAspValThrAlaProLeuValAspGluGlyAlaProGlyLysGlnAlaAlaAlaGln
ProHisThrGluIleProGluGlyThrThrAlaGluGluAlaGlyIleGlyAspThrProSerLeuGluAspGluAlaAlaGlyHisVal
ThrGlnGluProGluSerGlyLysValValGlnGluGlyPheLeuArgGluProGlyProProGlyLeuSerHisGlnLeuMetSerGly
MetProGlyAlaProLeuLeuProGluGlyProArgGluAlaThrArgGlnProSerGlyThrGlyProGluAspThrGluGlyGlyArg
HisAlaProGluLeuLeuLysHisGlnLeuLeuGlyAspLeuHisGlnGluGlyProProLeuLysGlyAlaGlyGlyLysGluArgPro
GlySerLysGluGluValAspGluAspArgAspValAspGluSerSerProGlnAspSerProProSerLysAlaSerProAlaGlnAsp
GlyArgProProGlnThrAlaAlaArgGluAlaThrSerIleProGlyPheProAlaGluGlyAlaIleProLeuProValAspPheLeuSer
LysValSerThrGluIleProAlaSerGluProAspGlyProSerValGlyArgAlaLysGlyGlnAspAlaProLeuGluPheThrPheHisVal
GluIleThrProAsnValGlnLysGluGlnAlaHisSerGluGluHisLeuGlyArgAlaAlaPheProGlyAlaProGlyGluGlyProGluAla
ArgGlyProSerLeuGlyGluAspThrLysGluAlaAspLeuProGluProSerGluLysGlnProAlaAlaAlaProArgGly
LysProValSerArgValProGlnLeuLysAlaArgMetValSerLysSerLysAspGlyThrGlySerAspAspLysLysAlaLysThr
SerThrArgSerSerAlaLysThrLeuLysAsnArgProCysLeuSerProLysLeuProThrProGlySerSerAspProLeuIleGlnPro
SerSerProAlaValCysProGluProProSerSerProLysHisValSerSerValThrSerArgThrGlySerSerGlyAlaLysGluMet
LysLeuLysGlyAlaAspGlyLysThrIleAlaThrProArgGlyAlaAlaProProGlyGlnLysGlyGlnAlaAsnAlaThrArgIlePro
AlaLysThrProProAlaProLysThrProProSerSerGlyGluProProLysSerGlyAspArgSerGlyTyrSerSerProGlySer
ProGlyThrProGlySerArgSerArgThrProSerLeuProThrProProThrArgGluProLysLysValAlaValValArgThrProProLysS
erProSerSerAlaLysSerArgLeuGlnThrAlaProValProMetProAspLeuLysAsnValLysSerLysIleGlySerThrGluAsnLeuLy
sHisGlnProGlyGlyLysValGlnIleIleAsnLysLysLeuAspLeuSerAsnValGlnSerLysCysGlySerLysAspAsnIleLysHis
ValProGlyGlySerValGlnIleValTyrLysProValAspLeuSerLysValThrSerLysCysGlySerLeuGly
AsnIleHisHisLysProGlyGlyGlyGlnValGluValLysSerGluLysLeuAspPheLysAspArgValGlnSerLysIleGlySerLeuAsp
AsnIleThrHisValProGlyGlyGlyAsnLysIleGluThrHisLysLeuThrPheArgGluAsnAlaLysAlaLysThrAspHisGlyAla
GluIleValTyrLysSerProValValSerGlyAspThrSerProArgHisLeuSerAsnValSerSerThrGlySerIleAspMet
ValAspSerProGlnLeuAlaThrLeuAlaAspGluValSerAlaSerLeuAlaLysGlnGlyLeu

FIG. 6
(SEQ. ID NO. 6)

MetAlaThrLysAlaValCysValLeuLysGlyAspGlyProValGlnGlyIleIleAsnPheGluGlnLysGluSerAsnGlyProValLysVal
TrpGlySerIleLysGlyLeuThrGluGlyLeuHisGlyPheHisValHisGluPheGlyAspAsnThrAlaGlyCysThrSerAlaGlyProHis
PheAsnProLeuSerArgLysHisGlyGlyProLysAspGluGluArgHisValGlyAspLeuGlyAsnValThrAlaAspLys
AspGlyValAlaAspValSerIleGluAspSerValIleSerLeuSerGlyAspHisCysIleIleGlyArgThrLeuValValHisGluLys
AlaAspAspLeuGlyLysGlyGlyAsnGluGluSerThrLysThrGlyAsnAlaGlySerArgLeuAlaCysGlyValIleGlyIleAlaGln

FIG. 7
(SEQ. ID NO. 7)

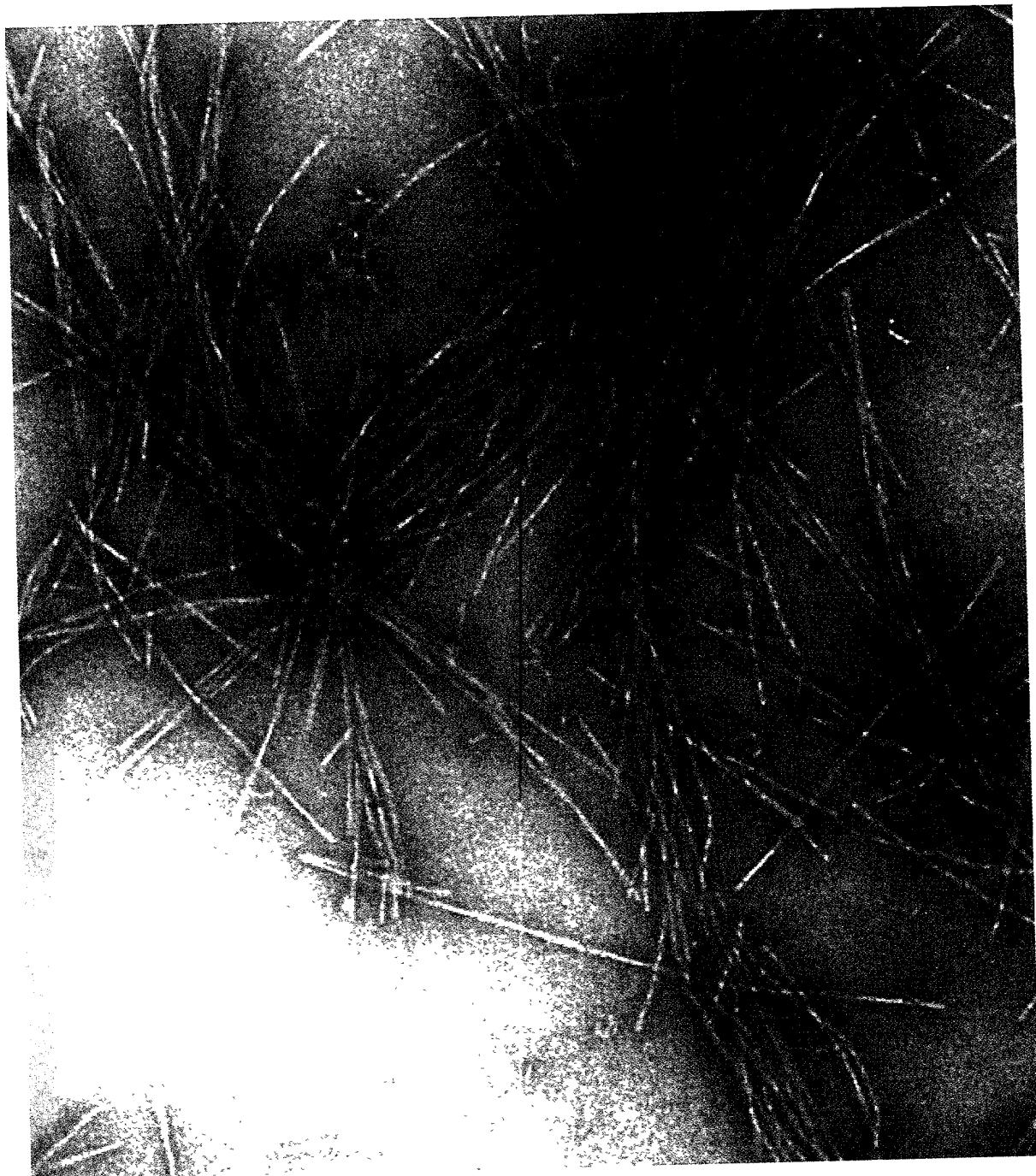


FIG. 8

圖 027-20 = 22640660



FIG. 9

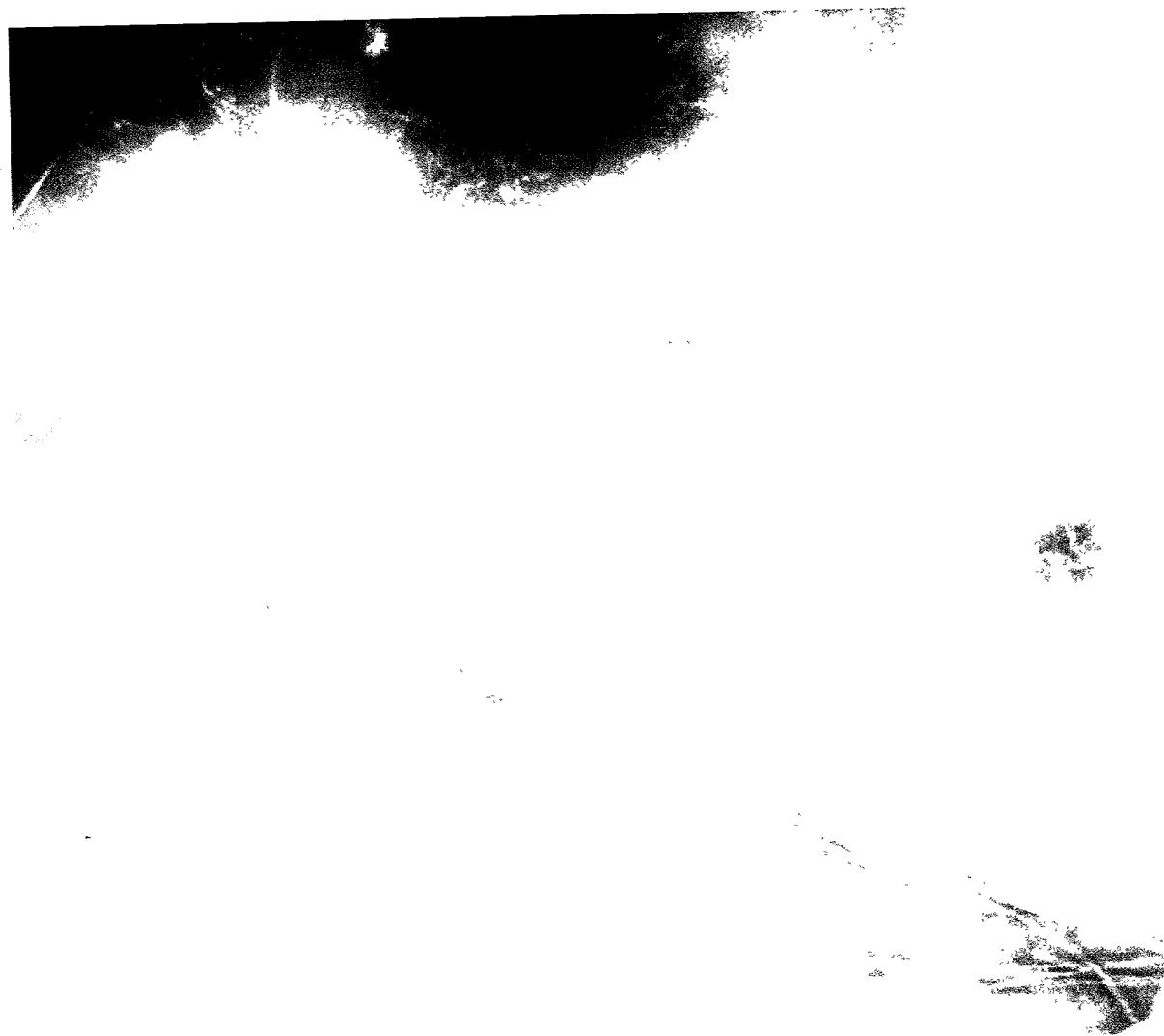


FIG. 10



FIG. 11

002420 = 20640000



FIG. 12

AB40 control

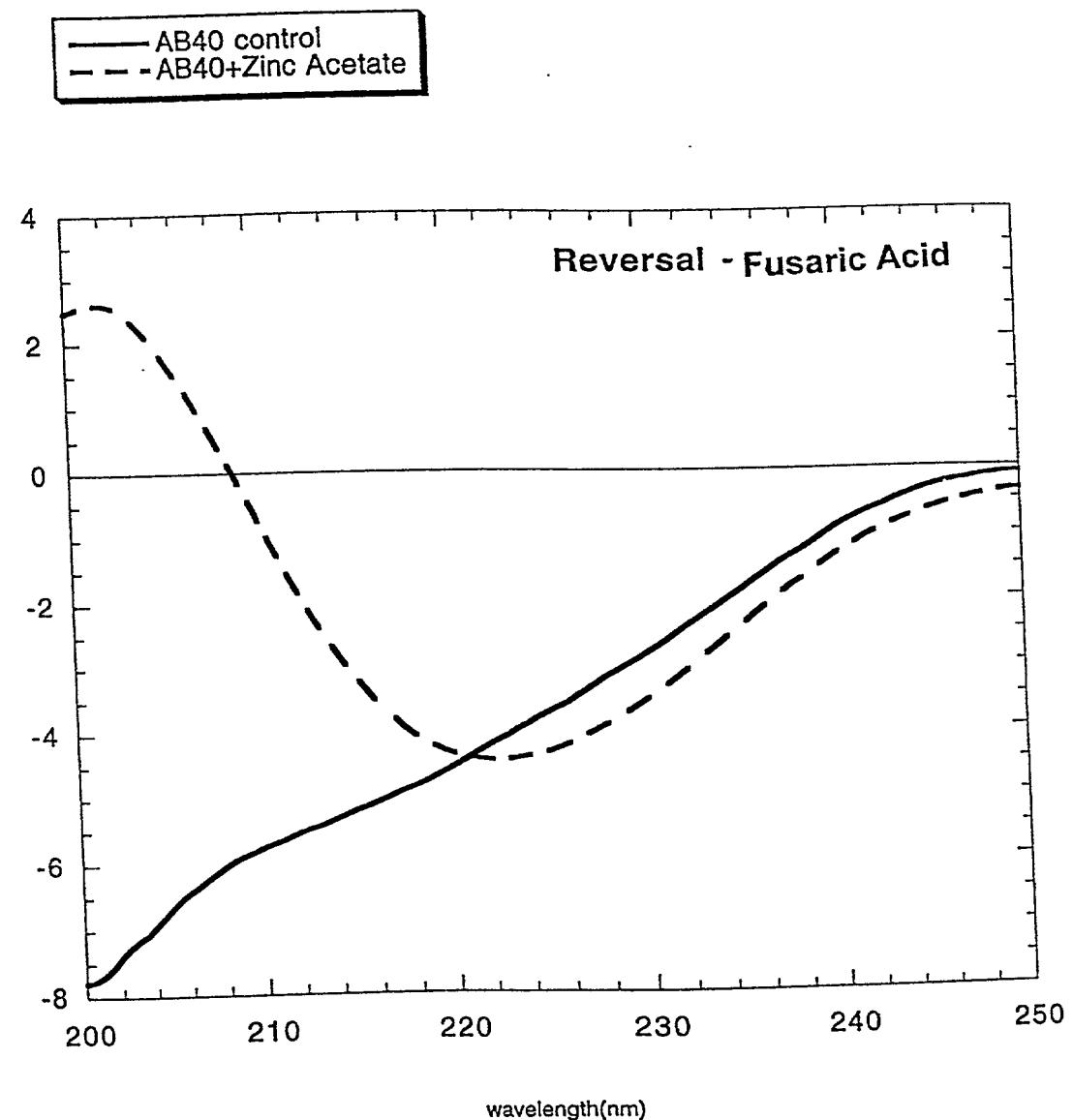


FIG. 13

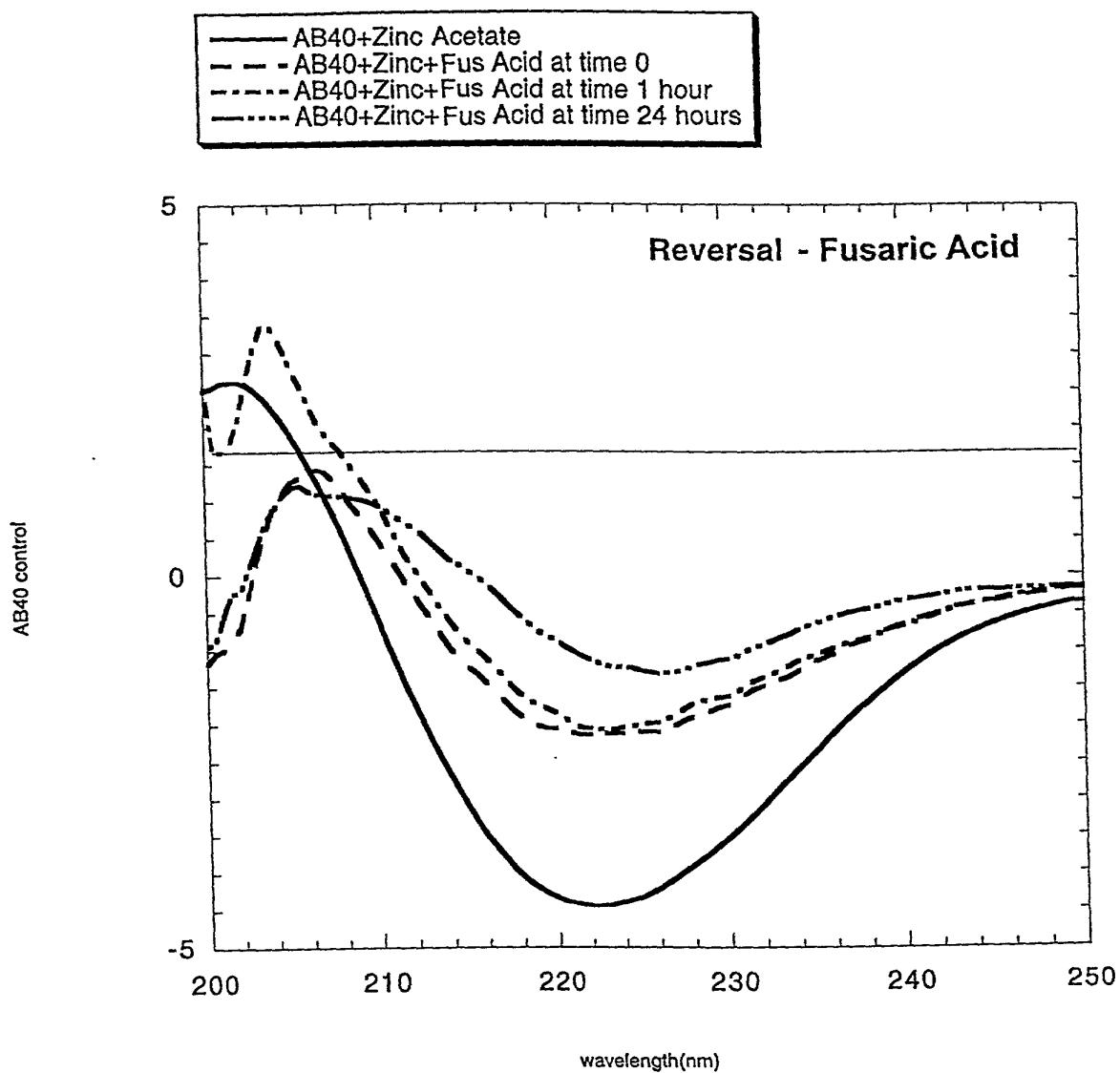


FIG. 14